

(12) UK Patent Application (19) GB (11) 2 394 219 (13) A

(43) Date of A Publication 21.04.2004

(21) Application No: 0224236.0

(22) Date of Filing: 18.10.2002

(71) Applicant(s):
Basic Solutions Ltd
 (Incorporated in the United Kingdom)
 Soothill Manor, Soothill Lane, BATLEY,
 WF17 6EU, United Kingdom

(72) Inventor(s):
 Lawrence N Tomlinson
 Robert M Sands

(74) Agent and/or Address for Service:
 Franks & Co
 9 President Buildings, Savile Street East,
 SHEFFIELD, S4 7UQ, United Kingdom

(51) INT CL⁷:
 A47K 10/38

(52) UK CL (Edition W):
 B8P PA PG2
 B8M MB6 M1 M4A M4B
 U1S S1122

(56) Documents Cited:
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(58) Field of Search:
 UK CL (Edition V) B8D DA, B8M MB4 MB6 MB9, B8P
 PA
 INT CL⁷ A47K 10/38, B65D 85/871 B5/672
 Other: ONLINE:WPLEPODOC,JAPIO

(54) Abstract Title: Towelette dispenser

(57) A towelette dispensing device configured for the storing and dispensing of at least a first type and a second type of towelette comprises an outer chamber (208) and an inner chamber (209) where the inner chamber (209) is positioned within a central core of the outer chamber such that a first towelette type (300) stored within the outer chamber may be dispensed from an orifice (203) positioned along the length of the dispensing device whilst a second towelette type (301) stored within the inner chamber (209) may be dispensed from a orifice (204) positioned at one end of the device. Accordingly, a compact dispenser device configured for the easy dispensing of wet and dry towelettes is provided. Alternatively, (Fig.7), the inner chamber may accommodate an aerosol or non-pressurized liquid pump dispenser.

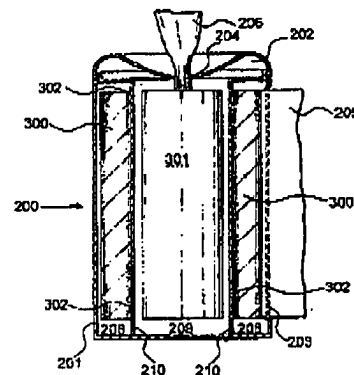


Fig. 3

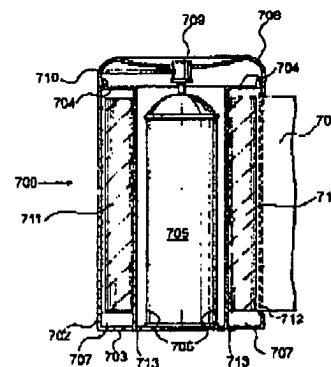


Fig. 7

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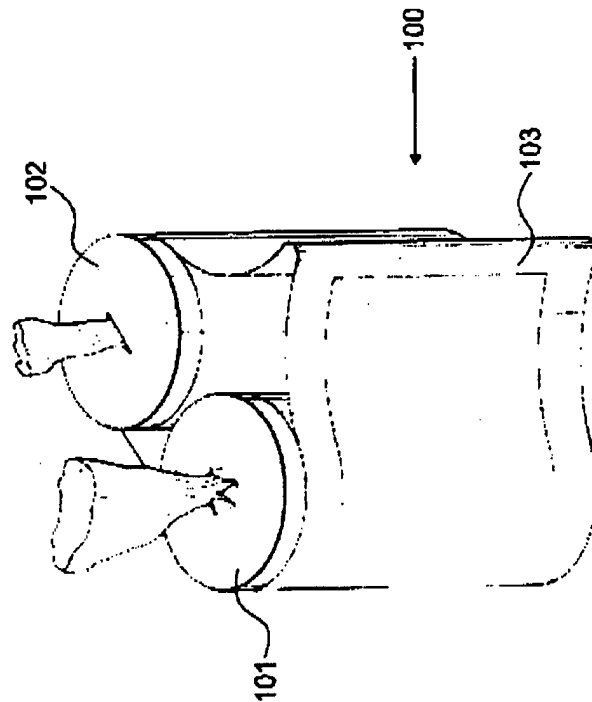


Fig. 1
(Prior Art)

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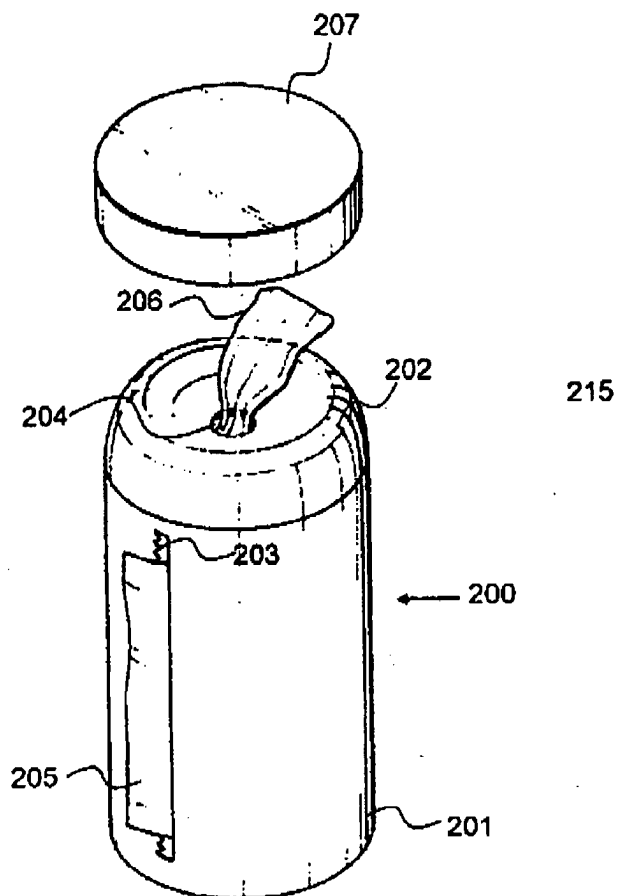


Fig. 2A

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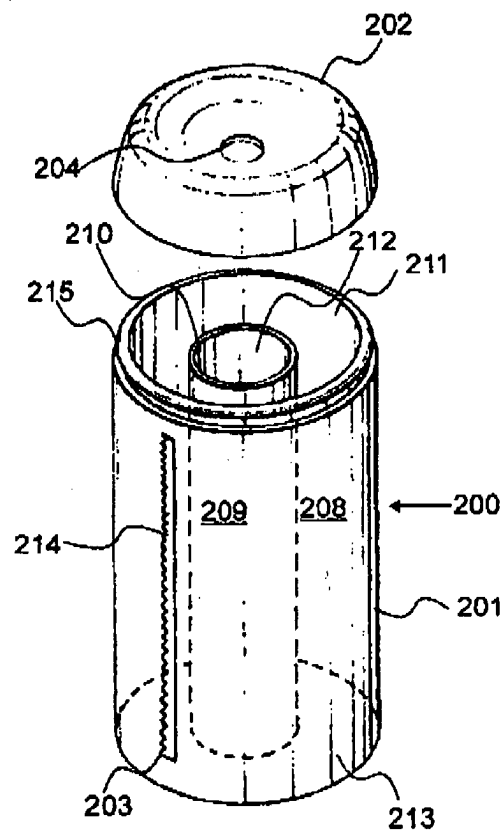


Fig. 2B

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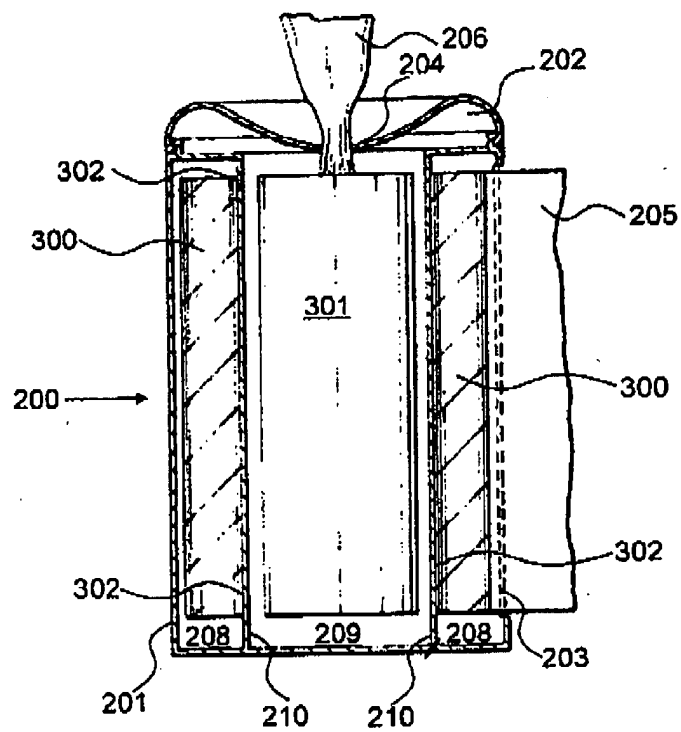


Fig. 3

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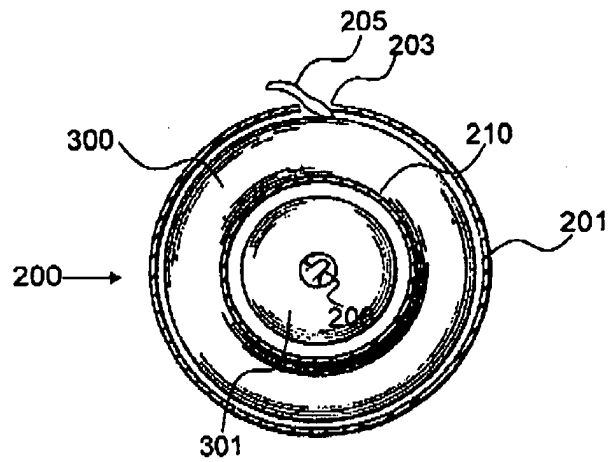


Fig. 4

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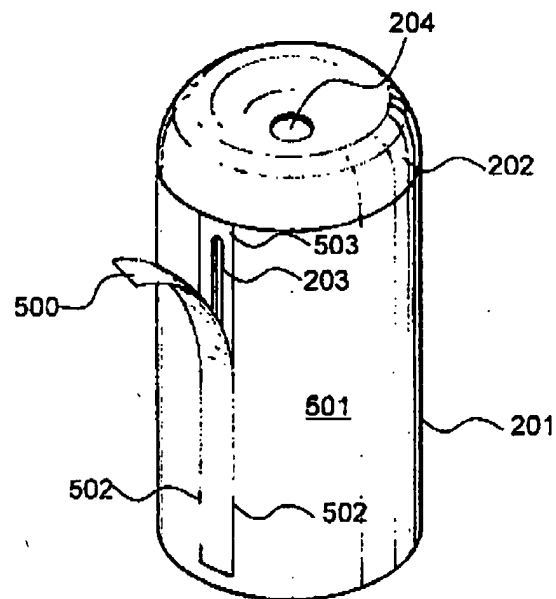


Fig. 5

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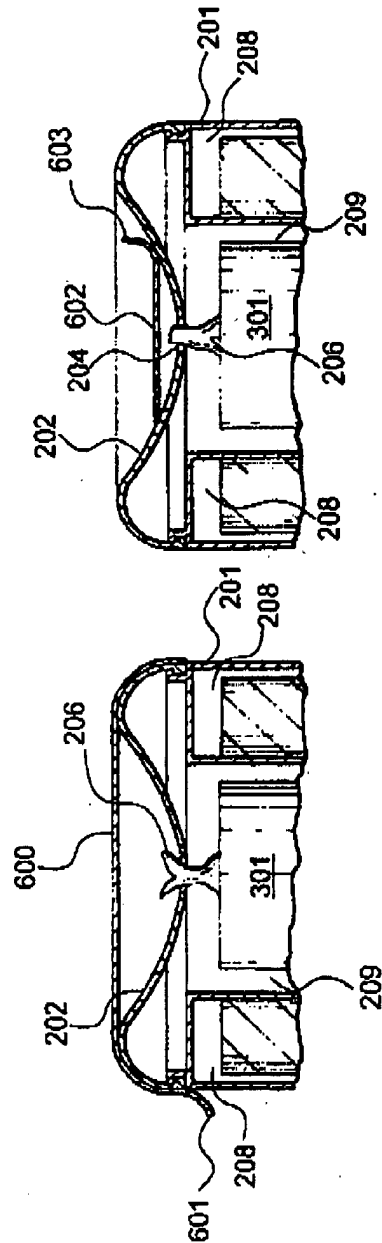


Fig. 6B

Fig. 6A

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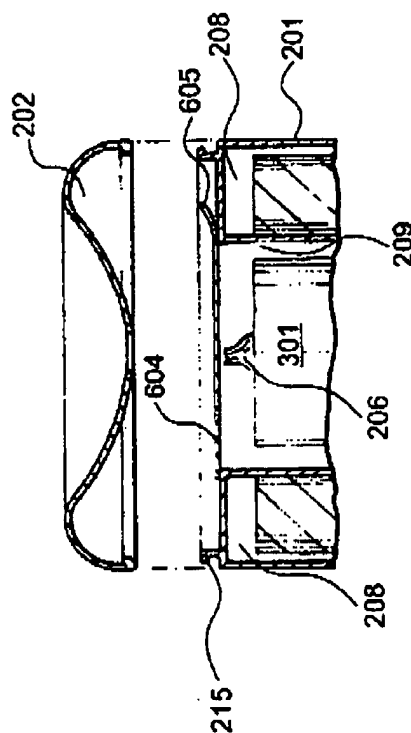


Fig. 6C

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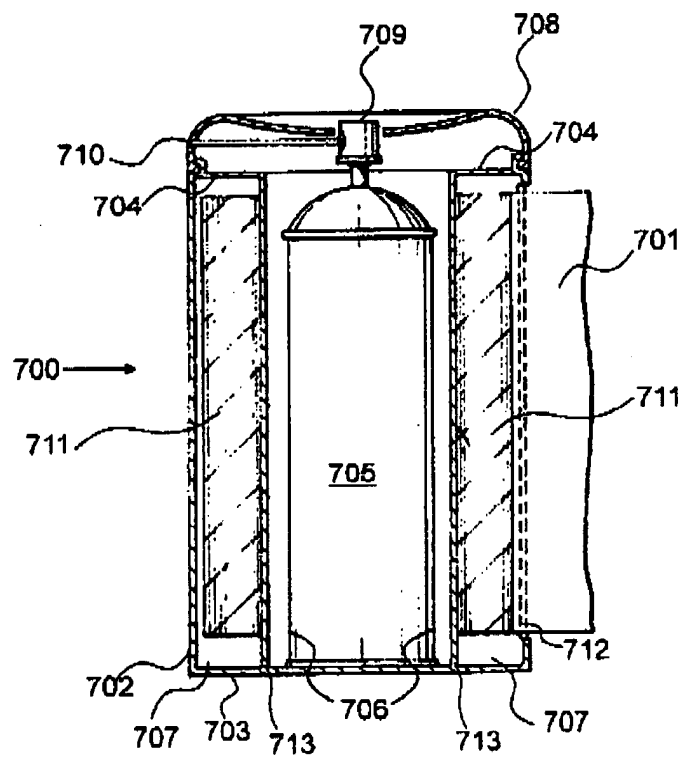


Fig. 7

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TOWELETTE DISPENSER**Field of the Invention**

The present invention relates to a towelette dispensing device configured
5 for storing and dispensing at least one towelette type.

Background to the Invention

The requirement of a dispenser configured for dispensing different towelette
types, commonly in the form of wet and dry wipes, has been realised by the prior
10 art. Typically, such prior art wet and dry wipe dispensers comprise a first
chamber to dispense a wet wipe and a second chamber to dispense a dry wipe,
such devices being known for personal and general public use.

A typical example of a wet and dry wipe dispenser is disclosed in US
15 5,803,249 and illustrated schematically in Figure 1 herein. The dispenser 100, in
the form of a medical clean up kit, consists of a container having multiple
compartments 101 and 102 where compartment 101 is configured for the
dispensing of moistened towelettes saturated with anti-pathogenic agents,
compartment 102 being used to store and dispense dry towelettes. Such a
20 device being hand-held by a user comprises a handle 103 for transportation due
to a relatively bulky size of the device, its size being too large for convenient
holding by the hand of a user. A similar wet and dry wipe dispenser is disclosed
in US 5,509,593, this dispenser being optimised for wall mounting, for example
within a public convenience. A dispenser is disclosed comprising a first
25 compartment housing a roll of dry sanitary tissue in addition to a second
compartment configured for the dispensing of pre wetted personal hygiene wipes.
Again, the dispenser of US 5,509,593, being designed for use as a wall mounted
wet and dry wipe dispenser is of a bulky size, not suitable to be held and easily
transported by a user.

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The inventors have realised various disadvantages associated with prior art
towelette dispensing devices of the type indicated above.

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A first problem exists in the dispensing of a first towelette type and a second towelette type from a compact dispenser. Clearly, the use of adjacent chambers as disclosed in US 5,803,249 typifies the problem of bulky hand-held dispensers which, in this particular case, require a handle to allow grasping and transportation by a user.

A second problem apparent with prior art dispensing devices is the nature and form of the dispensed towelettes. It is common within the art to utilise a woven fabric which when moistened is compacted into a first chamber for dispensing as a wet wipe. Additionally, it is known to utilise a tissue based paper as a dry wipe, the storing of the dry wipe being either scrunch-compacted (similar to the wet wipes) or on a roll as disclosed in US 5,509,593. The problem with dispensing wet and dry wipes where each wipe is stored in scrunch-compacted form within a first and second chamber is that the resultant dispensed towelette requires unfolding and preparing for use by a user. The utilisation of rolls of towelettes, and in particular dry tissue towelettes, is common only to very bulky wall mounted dispensers as disclosed in US 5,509,593, the dispensing of rolled towelettes ultimately providing an unscrunched easy to use towelette.

A third problem associated with hand-held wet and dry wipe dispensers is the general inability of a user, in particular a visually impaired user, to readily distinguish which chamber contains the appropriate and required towelette type.

A fourth problem exists in that a user may require more than two towelette types from any particular dispenser and yet further may require the dispensing of a free flowing liquid or spray in addition to at least one towelette.

Accordingly, what is required is a compact towelette dispenser configured for the easy distinguishable dispensing of unscrunched towelettes being substantially unfolded and ready for use. In addition, a dispenser is required being configured to dispense more than two towelettes types and optionally a free flowing liquid or spray.

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Summary of the Invention

According to specific aspects of the present invention detailed herein, the inventors provide a compact towelette dispenser configured for the easy
5 distinguishable dispensing of unscrunched towelettes being ready to use.

Accordingly, a dispenser is provided having an outer chamber configured for the dispensing and storage of a substantially dry towelette, the outer chamber surrounding an inner chamber configured for the storage and dispensing of a
10 substantially moistened towelette. Through the storage and dispensing of moistened towelettes within the inner chamber located within the otherwise hollow cavity formed by the roll of substantially dry towelettes, a considerable saving on overall dispenser size is realised thereby providing a compact dispenser configuration.

15

Additionally, where the dispenser is generally cylindrical, corresponding to the known shape of a roll of dry tissues, the dispensing of such dry tissues may be by way of a slit located along the length of the cylinder whereby the paper based towelettes are not scrunched in any way during storage or dispensing.
20 According to specific aspects of the present invention the centrally positioned moistened towelettes may be stored in a rolled log configuration such that the dispenser is configured for dispensing the towelettes substantially at one end of the cylinder via an orifice by the unfurling of the towelettes outwardly from the core of the rolled log. As such, a user wishing to access a substantially dry or wet
25 towelette can readily distinguish between the two from the size, shape and relative positioning of each dispensing orifice.

According to a first aspect of the present invention there is provided a towelette dispensing device configured for storing and dispensing at least a first
30 towelette type and a second towelette type comprising:

an outer casing being open at a first end and closed at a second end;

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an inner casing being open at a first end, said outer casing substantially confining said inner casing;

an outer chamber being defined by and located between said outer casing
5 and said inner casing, said outer chamber being configured to store said first towelette type;

an inner chamber being defined by and located within said inner casing,
said inner chamber being configured to store said second towelette type;

10

a lid configured for positioning over and releasably sealing said open end of said outer casing and said open end of said inner casing;

an elongate first orifice within said outer casing extending a distance
15 between said first and second end to allow said first towelette type to be dispensed through said outer casing from said outer chamber; and

a second orifice within said lid to allow said second towelette type to be dispensed through said lid from said inner chamber.

20

In order to provide an efficiently compact dispenser the outer casing and inner casing may be substantially cylindrical corresponding to the generally cylindrical shape of a roll of first towelette types.

25 So as to prevent moisture escaping from the second towelette types stored within the inner chamber, the inner casing and outer casing may be formed together being for example releasably secured or formed integrally. Additionally, loss of moisture from the second towelette types within the inner chamber may be prevented by the use of a releasable seal positioned over the
30 first end of the inner casing, the second orifice or the lid thereby preventing moisture evaporation or escape.

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To allow a user access to more than two towelette types the device may comprise a central casing, being for example a divide positioned within the inner casing such that a first subsidiary inner chamber is formed together with a second subsidiary inner chamber, each subsidiary inner chamber being
5 configured for the independent storage and dispensing of different towelette types. A third orifice may also be provided within the dispensing device to allow access to a third towelette type stored within the device. As will be appreciated by those skilled in the art, the device is configurable for storage and dispensing of a plurality of different towelette types from a plurality of independent storage and
10 dispensing chambers.

According to a second aspect of the present invention there is provided a towelette dispensing device configured for storing and dispensing at least a towelette and a liquid, said device comprising:

15

an outer casing being open at a first end and closed at a second end;

a liquid dispensing vessel being substantially confined by said outer casing, said liquid dispensing vessel comprising an external surface extending
20 substantially between said first end and said second end of said outer casing;

an outer chamber being defined by and located between said outer casing and said external surface, said outer chamber being configured to store said towelette;

25

a liquid stored within said liquid dispensing vessel;

a lid configured for positioning over and releasably sealing said open end of said outer casing;

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means to dispense said liquid from said liquid dispensing vessel; and

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an elongate orifice within said outer casing extending a distance between said first and second end to allow said towelette to be dispensed through said outer casing from said outer chamber.

5 Accordingly, a free flowing liquid or spray may be provided from the dispensing device according to the second aspect, the dispensing being from by way of example, a pressurized aerosol or a non-pressurized liquid pump both configured to dispense a liquid or liquid spray.

10 Through the storage and dispensing of a liquid within the annular cavity forming the axle or central annular core of the roll of substantially dry towelettes a compact dispensing device is realised.

15 As the outer and inner casing including the outer and inner chamber are open at one end a user is presented with the option of replacing exhausted towelettes within the dispenser device.

20 Due to the simple construction of the dispenser device comprising, in one example, a substantially cylindrical outer shape a user may hold, manipulate and transport the device easily without resort to additional handles or the like. Moreover, storage of the compact dispenser device within, for example a car or house is made much easier due to its compact nature.

Brief Description of the Drawings

25 For a better understanding of the invention and to show how the same may be carried into effect, there will now be described by way of example only, specific embodiments, methods and processes according to the present invention with reference to the accompanying drawings in which:

30 Figure 1 illustrates a perspective view of a prior art dual towelette dispensing device having a first chamber and an adjustably located second chamber;

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Figure 2 illustrates a perspective view of the towelette dispensing device configured for dispensing at least a first and second type according to a specific implementation of the present invention;

5 Figure 2b illustrates a perspective view of the towelette dispensing device indicating an inner casing being substantially confined by an outer casing, the towelette dispensing device being substantially cylindrical in shape according to a specific implementation of the present invention;

10 Figure 3 illustrates a cross sectional view of the towelette dispensing device illustrating the dispensing of a first and second towelette type according to a specific implementation of the present invention;

15 Figure 4 illustrates a cross section plan view of the towelette dispensing device where the first and second towelette types are formed as rolls, the roll length of first towelette types substantially encasing the roll length of the second towelette types according to a specific implementation of the present invention;

20 Figure 5 illustrates a perspective view of the towelette dispensing device having an elongate first orifice to allow dispensing of a first towelette type, the elongate first orifice being consealable by a tear-off strip according to a specific implementation of the present invention;

25 Figure 6a illustrates a cross section view of a top portion of the towelette dispensing device indicating a releasable seal positioned over a lid of the dispensing device according to a specific implementation of the present invention;

30 Figure 6b illustrates a cross section view of an upper portion of the towelette dispensing device indicating a releasable seal being releasably positioned over a second orifice according to a specific implementation of the present invention;

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Figure 6c illustrates a cross section view of an upper portion of the towelette dispensing device indicating a releasable seal positioned over an open end of an inner casing according to a specific implementation of the present invention;

5 Figure 7 illustrates a cross section view of the towelette dispensing device configured for storing and dispensing at least a towelette and a liquid, the at least one towelette being dispensed from an outer chamber and the liquid being dispensed from a liquid dispensing vessel being substantially confined by the outer chamber according to a specific implementation of the present invention.

10

Detailed Description of the Best Mode for Carrying Out the Invention

There will now be described by way of example the best mode contemplated by the inventors for carrying out the invention. In the following description numerous specific details are set forth in order to provide a thorough
15 understanding of the present invention. It will be apparent however, to one skilled in the art, that the present invention may be practiced without limitation to these specific details. In other instances, well known methods and structures have not been described in detail so as not to unnecessarily obscure the present invention.

20 A towelette dispensing device is provided for the storage and dispensing of at least a first towelette and a second towelette, the towelettes being of different types. For example, the first towelette may be a dry paper based tissue towelette whilst the second towelette is formed from woven cloth or fabric and may be pre-wetted or moistened. Due to the relative positioning of the chambers for storage
25 and dispensing of the different towelette types a considerable saving on device size is achieved providing in turn a compact dispensing device configured for easy handling and storage by a user.

In use, a first towelette type of a plurality of towelette types formed on a roll
30 (for example a tissue based toilet roll) is stored in an outer chamber being defined by an outer casing. A second towelette type of a plurality of second towelette types formed, for example, as a compact rolled log is stored within an inner chamber being defined by and located within an inner casing, the inner

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casing being substantially confined by the outer casing and outer chamber. Accordingly, the inner chamber containing the second towelette types may be envisaged as an axle to allow the free rotation of the surrounding and radially distributed roll of second towelette types.

5

To allow the easy dispensing of unfolded ready to use towelettes from the roll of first towelette types and elongate first orifice is provided within the outer casing extending a distance between a first end and a second end of the outer casing. Additionally, a moistened second towelette may be dispensed from the
10 inner chamber via a second orifice provided at one end of the towelette dispensing device such that the dispensing regions of the first and second towelette type are spatially separated to allow a user to easily distinguish between towelette types. This is particularly important where the user is visually impaired.

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According to further specific embodiments of the present invention the lid may be formed integrally with the outer casing such that the outer casing and inner casing remain open at a first end via the second orifice.

20

According to a yet further specific embodiment of the present invention the inner chamber may be adapted to store and dispense a free flowing liquid a liquid spray, such a dispensing involving the use of a pressurized aerosol or non-pressurized liquid pump. The liquid contained within a liquid dispensing vessel is substantially encased by an outer chamber, being identical or similar to that
25 previously described configured for the dispensing of towelettes from a roll of towelettes.

Referring to Figure 2a herein there is illustrated a perspective view of the towelette dispensing device 200 comprising an outer casing 201; a lid 202; an
30 elongate first orifice 203; a second orifice 204; a first towelette type 205; a second towelette type 206; and a releasable seal 207.

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In use, the first towelette type 205 is dispensed from an outer chamber via elongate first orifice 203. First towelette type 205 being one of a plurality of first towelette types formed on a roll is dispensed via orifice 203 in an unfolded configuration ready for use, such a configuration being unscrunched thereby
5 reducing a risk of an unwanted tearing or rupturing of the first towelette type which preferably is a paper based tissue.

Second towelette type 206 is dispensable from an inner chamber located within the annual recess of the outer chamber via second orifice 204. Preferably,
10 second towelette type 206 is stored as a compact roll forming a log such that the device is configured to dispense second towelette type 206 by an unfurling of second towelette type 206 from a centre of the roll of second towelette types. Accordingly an unscrunched dispensing of second towelette types 206 is achieved whereby the second towelette types do not require an unfolding for use.

15

Referring to Figure 2b herein there is illustrated a perspective exploded view of the towelette dispensing device 200 as illustrated with reference to Figure 2a herein comprising: an outer casing 201; an inner casing 210; an open end of the outer casing 211 and a closed end of the outer casing 213; an open end of the
20 inner casing 212; an outer chamber 208; an inner chamber 209; serrations on the first orifice 214 and a lip 215.

A first towelette is dispensed via orifice 203 by a rotation of the roll of first towelette types within outer chamber 208. Inner casing 210 forms an effective
25 axle for rotation of the roll of first towelette types to allow easy rotation. Serrations 214 are provided on orifice 203 to allow a single first towelette to be separated from the plurality of towelettes. The roll of compacted second towelettes are dispensed from inner chamber 209 being defined by and located within the inner casing 210 via second orifice 204 within lid 202. Similarly, orifice
30 204 may comprise similar serrations being 214.

As the outer chamber is defined by and located between the outer casing 201 and the inner casing 210; together with inner chamber 209 and inner casing

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210 being substantially confined by outer casing 201 and outer chamber 208, a compact easy to use towelette dispensing device is provided.

Referring to Figure 3 herein there is illustrated the towelette dispensing device as detailed with reference to Figure 2b herein comprising a roll of first towelette types 300; and a roll of second towelette types 301.

The roll of first towelette types 300 may comprise a rigid or semi-rigid core 302 such that rotation of roll 300 is provided by rotation of core 302 against inner casing 210. Alternatively, the dispensing device is configured to dispense first towelette type 205 from a roll of first towelette types formed without core 302.

The second towelette type 206 is dispensed preferably by an unfurling of the towelette from a centre of the roll of second towelette types 302. Through the specific implementation of the present invention as described herein the dispensing of unfolded, unscrunched and ready to use towelette types 205, 206 at least, is possible.

Referring to Figure 4 herein there is illustrated a cross section plan view of the towelette dispensing device as illustrated with reference to Figure 3 herein. Figure 4 herein illustrates the way in which the first towelette types are stored in the outer chamber substantially confining the inner casing 210, inner chamber and roll of second towelette types 301. The towelette dispensing device having a substantially circular cross section as detailed with reference to Figure 4 herein comprises a substantially cylindrical outer casing defining a cylindrical outer chamber, cylindrical inner casing and cylindrical inner chamber. Accordingly the dispensing device is configured to dispense the first and second towelette types from a roll of first towelette types and a roll of second towelette types.

Referring to Figure 5 herein there is illustrated a perspective view of the towelette dispensing device of Figure 4 herein comprising a tear-off strip 500; labelling 501; perforations 502; and external surface 503.

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Prior to an initial dispensing of a first towelette 205 from the outer chamber 208 the elongate first orifice is releasably sealed by a tear-off strip 500. Preferably, the tear-off strip 500 is formed as a part of labelling 501 positioned around outer casing 201, such that the tear-off strip is separable from the labelling by a tearing along perforations 502 running substantially the length of outer casing 201. Following a removal of tear-off strip 500 an external surface 503 is exposed, surface 503 corresponding to the area of the tear-off strip minus the area of elongate first orifice 203 extending substantially the length of the outer casing 201. In turn, external surface 503 may comprise additional or otherwise labelling so as to conceal the outer casing 201 positioned underneath.

Further embodiments of the present invention may utilise tear-off strips being positioned over elongate orifice 203 directly, such that removal of this seal allows fully dispensing of an individual first towelette from a roll of first towelettes.

According to further specific embodiments of the present invention detailed with reference to Figure 7 herein the tear-off strip 500 as detailed with reference to Figure 5 herein may be utilised together with associated and identified components 501, 502 and 503.

The purpose of tear-off strip 500 or similar means to seal orifice 203 is the preventing of the removal of an individual first towelette from the outer chamber prior to a user purchasing or acquiring the towelette dispensing device. Additionally, a user when purchasing or acquiring the towelette dispensing device with the tear-off strip or suitable seal in place is assured that access to the outer chamber 208 and corresponding roll of towelettes 300 has been prevented and as such the device is intact.

Referring to Figure 6a herein there is illustrated a cross section view of the towelette dispensing device as detailed with reference to Figure 5 herein comprising a releasable seal 600; and a releasable sealed tab 601. A releasable seal 600 may be provided over lid 202 for releasably sealing outer chamber 208 and inner chamber 209. Releasable seal tab 601 is used by a user to release

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seal 600 from lid 202 thereby gaining access to an individual second towelette type 206 from a plurality of second towelettes types 301. Additionally, following a removing of seal 600 a user may remove lid 202 thereby gaining access to chambers 208 and 209.

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Referring to Figure 6b herein there is illustrated the towelette dispensing device of Figure 6a however with the releasable seal 602 being provided over second orifice 204 thereby releasably sealing inner chamber 209.

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Referring to Figure 6c herein is illustrated the towelette dispensing device of Figure 6a, herein with the releasable seal 604 being positioned over the first end 212 of the inner chamber 209.

15

Referring to Figures 6b and 6c herein tabs 603 and 605 respectively, are used by a user to remove the releasable seal as described with reference to Figure 6a herein.

20

Through provision and utilisation of releasable seal 600, 602 or 604 any moisture within the second towelette types is prevented from escaping from within inner chamber 209 prior to a user removing releasable seal 600, 602 or 604 to allow an individual second towelette to be dispensed via second orifice 204. Accordingly the dispensing device may be stored, prior to removal of releasable seal 600, 602 or 604 in an upright or inverted orientation without risk of liquid loss from the device.

25

According to specific implementations of the present invention the towelette dispensing device is configurable to allow the dispensing of the second towelette type 206 substantially saturated with a liquid containing at least one sanitising agent or a wax formulation.

30

Referring to Figure 7 herein there is illustrated a cross section view of a towelette dispensing device 700 configured for storing and dispensing at least a towelette 701 and a liquid, the device comprising an outer casing 702, being

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closed at a first end 703 and open at a second end 704; a liquid dispensing vessel 705 having an external surface 706; an outer chamber 707; a lid 708 for positioning over open end 704; means to dispense the liquid 709, 710; and an elongate orifice 712.

5

The dispensing of an individual towelette 701 from a plurality of towelettes 711 according to the second embodiment is as described with reference to Figure 3 herein relating to the first described embodiment, in that elongate orifice 712 is provided preferably with serrations to allow a towelette, being either a paper based dry towelette or a woven cloth moistened towelette to be dispensed from the outer chamber 707. Similarly, lid 708 is configured for positioning and releasably sealing the open end 704 of outer casing 702. A user on removing lid 708 may gain access to outer chamber 707 however alternative embodiments may provide for lid 708 to be formed integrally with outer casing 701 such that open end 704 is generally sealed by lid 708.

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According to the second embodiment a liquid dispensing vessel 705 is confined by the outer casing 702, the vessel 705 comprising an external surface 706 extending substantially between the first end 703 and second end 704 of outer casing 702. Means to dispense the liquid 709, 710 according to specific embodiments comprise a pressurized aerosol configured to dispense a liquid spray or a non-pressurized liquid pump dispenser also being configured to dispense a liquid spray. Alternatively, a free flowing liquid may be dispensed from liquid dispensing vessel 705 via means to dispense 709, 710.

20
25

As detailed with reference to Figure 7 herein outer casing 702 and dispensing vessel 705 are substantially cylindrical allowing a user to grasp, hold, manipulate and transport the towelette dispensing device with ease. In operation, a liquid or liquid spray may be dispensed from the dispensing device in addition to the dispensing of an individual towelette from a roll of towelettes 711, the dispensing of an individual towelette involving a rotation of the roll of towelettes about the external surface 706 of the dispensing vessel 705.

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In further specific implementations of the second embodiment, an inner casing 713 may be provided so as to segregate outer chamber 707 from liquid dispensing vessel 705. In turn, an individual towelette 701 from the roll of towelettes 711 may be dispensed by a rotation of the roll about inner casing 713 as described with reference to Figure 4 herein. A further towelette type may be stored within the region between inner casing 713 and external surface 706, an appropriate orifice being provided in outer casing 702 to allow a dispensing of the second type of towelette.

10 A tear-off strip and a releasable seal as detailed with reference to Figures 5 to 6c herein may be utilised by the second embodiment to prevent tampering with the towelette dispensing device prior to acquisition by a user.

15 The liquid within the liquid dispensing device may contain or comprise at least one sanitising agent or a wax formulation or a suntan lotion. Additionally, the towelettes 701 may be a moist woven cloth or a dry paper based tissue.

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Claims:

1. A towelette dispensing device configured for storing and dispensing at least a first towelette type and a second towelette type comprising:
 - 5 an outer casing being open at a first end and closed at a second end;

an inner casing being open at a first end, said outer casing substantially confining said inner casing;
 - 10 an outer chamber being defined by and located between said outer casing and said inner casing, said outer chamber being configured to store said first towelette type;

an inner chamber being defined by and located within said inner casing, 15 said inner chamber being configured to store said second towelette type;

a lid configured for positioning over and releasably sealing said open end of said outer casing and said open end of said inner casing;
 - 20 an elongate first orifice within said outer casing extending a distance between said first and second end to allow said first towelette type to be dispensed through said outer casing from said outer chamber; and

a second orifice within said lid to allow said second towelette type to be 25 dispensed through said lid from said inner chamber.
2. The device as claimed in claim 1 wherein said outer casing and said inner casing are substantially cylindrical.
- 30 3. The device as claimed in claim 1 or 2 wherein said inner casing is realisably secured to said outer casing.
4. The device as claimed in claim 1 or 2 wherein said inner casing is formed integrally with the said outer casing.

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5. The device as claimed in any preceding claim wherein said device is configured to prevent a transfer of a liquid from said inner chamber to said outer chamber.

5

6. The device as claimed in any preceding claim wherein said device is configured to dispense an individual said first towelette type from a roll of first towelette types, said dispensing of said first towelette type involving a rotation of said roll about said inner casing.

10

7. The device as claimed in claim 6 wherein said device is configured to dispense an individual said second towelette type from a roll of second towelette types being stored within said second chamber, wherein said device is configured for dispensing said second towelette type by an unfurling of said second towelette type from a centre of said roll of said second towelette types.

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8. The device as claimed in any preceding claim wherein said device further comprises a releasable seal being releasably positioned over said open first end of said inner casing whereby said inner chamber is sealed.

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9. The device as claimed in any one of claims 1 to 7 wherein said device further comprises a releasable seal being releasably positioned over said second orifice, whereby said inner chamber is sealed.

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10. The device as claimed in any one of claims 1 to 7 said device further comprising a releasable seal being releasably positioned over said lid, whereby said outer chamber and said inner chamber are sealed.

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11. The device as claimed in any preceding claim wherein said elongate first orifice is releasably sealed by a tear-off strip.

12. The device as claimed in claim 11 wherein said tear-off strip is formed by a part of a labeling positioned around said outer casing, said tear-off

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strip being separable from said labeling by a tearing along perforations, said perforations partially separating said labeling from said tear-off strip.

13. The device as claimed in any preceding claim wherein said device
5 further comprises:

a central casing, said central casing being substantially confined by said inner casing;

10 a first subsidiary inner chamber to store said second towelette type and a second subsidiary inner chamber to store a third towelette type, said first and second subsidiary inner chamber being defined by said central casing and said inner casing; and

15 a third orifice to allow a dispensing of said third towelette type from said second subsidiary inner chamber;

wherein said second orifice allows a dispensing of said second towelette type from said first subsidiary inner chamber.

20

14. The device as claimed in any preceding claim wherein said elongate first orifice comprises serrations for cutting said first towelette type following a dispensing.

25 15. The device as claimed in any preceding claim wherein said first towelette type is a dry paper based tissue and said second towelette type is a moist woven cloth.

16. The device as claimed in claim 13 wherein said third orifice is
30 positioned at and within said second end of said outer casing.

17. The device as claimed in claim 13 wherein said third orifice is positioned at and within said lid.

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18. The device as claimed in claim 6 wherein said device is configured with a compact configuration by storing said roll of said second towelette types in said inner chamber being substantially confined by said roll of first towelette types stored in said outer chamber.

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19. The device as claimed in any preceding claim wherein said second towelette type is substantially saturated with a liquid containing at least one sanitizing agent.

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20. The device as claimed in any preceding claim wherein said second towelette type is substantially saturated with a wax formulation.

21. A towelette dispensing device configured for storing and dispensing at least a towelette and a liquid, said device comprising:

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an outer casing being open at a first end and closed at a second end;

a liquid dispensing vessel being substantially confined by said outer casing, said liquid dispensing vessel comprising an external surface extending substantially between said first end and said second end of said outer casing;

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an outer chamber being defined by and located between said outer casing and said external surface, said outer chamber being configured to store said towelette;

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a liquid stored within said liquid dispensing vessel;

a lid configured for positioning over and releasably sealing said open end of said outer casing;

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means to dispense said liquid from said liquid dispensing vessel; and

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-20-

an elongate orifice within said outer casing extending a distance between said first and second end to allow said towelette to be dispensed through said outer casing from said outer chamber.

5 22. The device as claimed in claim 21 wherein said liquid dispensing vessel is a pressurized aerosol configured to dispense a liquid spray.

23. The device as claimed in claim 21 wherein said liquid dispensing vessel is a non-pressurized liquid pump dispenser configured to dispense a liquid
10 spray.

24. The device as claimed in any one of claims 21 to 23 wherein said outer casing and said liquid dispensing vessel are substantially cylindrical.

15 25. The device as claimed in any one of claims 21 to 24 wherein said device is configured to dispense an individual towelette from a roll of towelettes said dispensing of said individual towelette involving a rotation of said roll about said external surface of said liquid dispensing vessel.

20 26. The device as claimed in any one of claims 21 to 25 wherein said liquid dispensing vessel is removably stored within said outer casing.

27. The device as claimed in any one of claims 21 to 25 wherein said liquid dispensing vessel is secured within said outer casing by said positioning of
25 said lid over said open end of said outer casing.

28. The device as claimed in any one of claims 21 to 27 wherein said liquid contains at least one sanitising agent.

30 29. The device as claimed in any one of claims 21 to 27 wherein said liquid contains a wax formulation.

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30. The device as claimed in any one of claims 21 to 27 wherein said liquid contains suntan lotion.

31. The device as claimed in any one of claims 21 to 30 wherein said
5 towelette is a moist woven cloth.

32. The device as claimed in any one of claims 21 to 30 wherein said towelette is any paper based tissue.

10 33. A towelette dispensing device configured for storing and dispensing a towelette as described with reference to any one of Figures 2 to 7.

Amendments to the claims have been filed as follows**2 2****Claims:**

1. A towelette dispensing device configured for storing and dispensing at least a first towelette type and a second towelette type comprising:

5 an outer casing being open at a first end and closed at a second end;

an inner casing being open at a first end, said outer casing substantially confining said inner casing;

10 an outer chamber being defined by and located between said outer casing and said inner casing, said outer chamber being configured to store said first towelette type;

15 an inner chamber being defined by and located within said inner casing, said inner chamber being configured to store said second towelette type;

a lid configured for positioning over and releasably sealing said open end of said outer casing and said open end of said inner casing;

20 an elongate first orifice within said outer casing extending a distance between said first and second end to allow said first towelette type to be dispensed through said outer casing from said outer chamber; and

25 a second orifice within said lid to allow said second towelette type to be dispensed through said lid from said inner chamber.

2. The device as claimed in claim 1 wherein said outer casing and said inner casing are substantially cylindrical.

30 3. The device as claimed in claim 1 or 2 wherein said inner casing is realisably secured to said outer casing.

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4. The device as claimed in claim 1 or 2 wherein said inner casing is formed integrally with the said outer casing.

5. The device as claimed in any preceding claim wherein said device
5 is configured to prevent a transfer of a liquid from said inner chamber to said outer chamber.

6. The device as claimed in any preceding claim wherein said device
is configured to dispense an individual said first towelette type from a roll of first
10 towelette types, said dispensing of said first towelette type involving a rotation of said roll about said inner casing.

7. The device as claimed in claim 6 wherein said device is configured
to dispense an individual said second towelette type from a roll of second
15 towelette types being stored within said second chamber, wherein said device is configured for dispensing said second towelette type by an unfurling of said second towelette type from a centre of said roll of said second towelette types.

8. The device as claimed in any preceding claim wherein said device
20 further comprises a releasable seal being releasably positioned over said open first end of said inner casing whereby said inner chamber is sealed.

9. The device as claimed in any one of claims 1 to 7 wherein said
device further comprises a releasable seal being releasably positioned over said
25 second orifice, whereby said inner chamber is sealed.

10. The device as claimed in any one of claims 1 to 7 said device
further comprising a releasable seal being releasably positioned over said lid,
whereby said outer chamber and said inner chamber are sealed.

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11. The device as claimed in any preceding claim wherein said
elongate first orifice is releasably sealed by a tear-off strip.

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12. The device as claimed in claim 11 wherein said tear-off strip is formed by a part of a labeling positioned around said outer casing, said tear-off strip being separable from said labeling by a tearing along perforations, said perforations partially separating said labeling from said tear-off strip.

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13. The device as claimed in any preceding claim wherein said device further comprises:

a central casing, said central casing being substantially confined by said inner casing;

a first subsidiary inner chamber to store said second towelette type and a second subsidiary inner chamber to store a third towelette type, said first and second subsidiary inner chamber being defined by said central casing and said inner casing; and

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a third orifice to allow a dispensing of said third towelette type from said second subsidiary inner chamber;

wherein said second orifice allows a dispensing of said second towelette type from said first subsidiary inner chamber.

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14. The device as claimed in any preceding claim wherein said elongate first orifice comprises serrations for cutting said first towelette type following a dispensing.

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15. The device as claimed in any preceding claim wherein said first towelette type is a dry paper based tissue and said second towelette type is a moist woven cloth.

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16. The device as claimed in claim 13 wherein said third orifice is positioned at and within said second end of said outer casing.

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17. The device as claimed in claim 13 wherein said third orifice is positioned at and within said lid.

5 18. The device as claimed in claim 6 wherein said device is configured with a compact configuration by storing said roll of said second towelette types in said inner chamber being substantially confined by said roll of first towelette types stored in said outer chamber.

10 19. The device as claimed in any preceding claim wherein said second towelette type is substantially saturated with a liquid containing at least one sanitizing agent.

20. The device as claimed in any preceding claim wherein said second towelette type is substantially saturated with a wax formulation.

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21. A towelette dispensing device configured for storing and dispensing a towelette as described with reference to any one of Figures 2 to 6c herein.



Application No: GB 0224236.0
Claims searched: 21 to 33

Examiner: Mike Henderson
Date of search: 11 March 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance	
Y	21 to 32	GB 1020748	(SIXT) (Whole disclosure relevant)
Y	21 to 32	DE 873607	(METALL-CHEMIE GmbH) (Whole disclosure relevant)
Y	22	US 6321937B1	(DE SIMONE et al) (Whole disclosure relevant)
Y	21 & 23 to 32	US 6138874	(AUDREY) (Whole disclosure relevant)
Y	21 & 23 to 32	US 5819989	(SARACENI) (Whole disclosure relevant)
Y	21 & 23 to 32	US 4436224	(McINERNY) (Whole disclosure relevant)

Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	F	Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKCV:

B8D B8P B8M

Worldwide search of patent documents classified in the following areas of the IPC⁷:

A47K B65D

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO



Application No: GB 0224236.0
 Claims searched: 1 to 20

Examiner: Mike Henderson
 Date of search: 11 March 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
A		DE 3938352A1 (BOSMAT HAFETZ MAIM AN ISRAEL LTD)

Categories:

X Document indicating lack of novelty or inventive step	A Document indicating technological background and/or state of the art.
Y Document indicating lack of inventive step if combined with one or more other documents of same category.	P Document published on or after the declared priority date but before the filing date of this invention.
& Member of the same patent family	E Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^v:

B8D B8P B8M

Worldwide search of patent documents classified in the following areas of the IPC⁷:

A47K B65D

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